



1722

Patent  
Docket No: 55955US002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Sarah J. Davis, et al.

Serial No.: 09/966,946

Filed: September 27, 2001

Group Art Unit: 1722

Examiner: Unknown

For: CERAMIC OXIDE PRE-FORMS, METAL MATRIX COMPOSITES, AND  
METHODS FOR MAKING THE SAME

4/11/02  
4/11/02

CERTIFICATE OF MAILING

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April 3, 2002

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Signature

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
Washington, DC 20231

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Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, enclosed please find a completed PTO-1449  
form citing references submitted for consideration during examination of the above-referenced  
patent application. A copy of each of the references cited therein is also enclosed.

It is believed that no fee is due; however, in the event a fee is required, please charge it  
to Deposit Account No. 13-3723.

It is respectfully requested that the Examiner initial and return the enclosed PTO-1449  
form in order to indicate that each of the references listed thereon has been considered in  
connection with the present application.

Respectfully submitted,

By

Gregory D. Allen

Registration Number 35,048	Telephone Number 651-736-0641
Date April 3, 2002	

Office of Intellectual Property Counsel  
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OMB No. 0651-0011

**INFORMATION  
DISCLOSURE  
STATEMENT**

<b>INFORMATION DISCLOSURE STATEMENT</b>	<b>Atty. Docket No.:</b>	<b>Serial No.:</b>
	55955US002	09/966,946
	<b>Applicant(s):</b> Sarah J. Davis et al.	
	<b>Filing Date:</b> September 27, 2001	<b>Group:</b> Unknown

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	3,795,524	3/1/1971	Sowman			
	4,047,965	9/13/1977	Kars et al.			
	4,576,836	3/18/1986	Colmet et al.			
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	5,022,500	6/11/1991	Wang			
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	6,344,270	2/5/2002	McCullough et al.			

**EXAMINER**

**Date Considered**

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**INFORMATION  
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	Filing Date: September 27, 2001	Group: Unknown

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	09/967,401 55954US002		Sara J. Davis et al.			9/27/2001
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**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

	Preforms for Metal Matrix Composites, "Fibralloy™ Preforms for Metal Matrix Composites" Product Brochure, Thermal Ceramics Inc., 1/1998.
	"Squeeze Cast (SCPM) Light Weight Aluminum Front Knuckle Case Study", SAE Technical Paper Series, David T. Gerken & Rick Neal, 1999, Society of Automotive Engineers, Inc., pp. 1-6.
	"MMCs for Automotive Applications" Article, The American Ceramic Society Bulletin, M. Varuzan Kevorkian, December 1998, pp. 53-59.
	"Metal-Matrix Composites in the Automotive Industry: Opportunities and Challenges" Article, JOM, John E. Allison & Gerald S. Cole, January 1993, pp. 19-24.
	"Non-Linear Response of Continuous Fiber Metal Matrix Composite Laminates" by Christopher P. R. Hoppel, Travis A. Bogetti, Bryan A. Cheeseman, and Aristedes Yiournas, ARL-RP-43 November 2001 (A reprint from Proceedings of the American Society for Composites, Blacksburg, VA, 9-12 September 2001)

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		<b>Applicant(s):</b> Sarah J. Davis et al.						
		<b>Filing Date:</b> September 27, 2001		<b>Group:</b> Unknown				
<b>FOREIGN PATENT DOCUMENTS</b>								
		Document Number	Date of Publication	Country	Class	SubClass	Translation	
							Yes	No
		DE 29 50 660 A1	11/30/1979	Germany			X	
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						<i>RECEIVED APR 09 2002 TC 1700</i>		
						<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>		
		"Properties of Wear Resistant Composites" Product Brochure, Thermal Ceramics Inc. for purposes of examining the instant application, Applicants admit the publication date was prior to (9/28/2000) provisional filing date from which the instant application claims priority from.						
		Preforms for Metal Matrix Composites, "Wear Resistant Fibralloy™ Reinforced Composites" Product Brochure, Thermal Ceramics, 1/1998.						
		"Fibralloy Preforms For Light Metal Alloy Reinforcement" Product Brochure, Thermal Ceramics Inc. for purposes of examining the instant application, Applicants admit the publication date was prior to (9/28/2000) provisional filing date from which the instant application claims priority from.						
		"Squeeze Cast Al <sub>2</sub> O <sub>3</sub> /Al Ceramic-Metal Composites" <u>Ceramic Bulletin</u> , Vol. 70, 1991, pp. 195-197						
<b>EXAMINER</b>				<b>Date Considered</b>				
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